

Title (en)
AXIAL TUMBLER TYPE CYLINDER LOCK

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EP 0012075 B1 19830601 (FR)

Application
EP 79400914 A 19791126

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Abstract (en)
[origin: EP0012075A1] 1. Cylindrical lock comprising a stator (2, 34, 60) with a generally cylindrical cavity, a rotor (4, 43, 61) rotatable in the stator, said rotor providing an axial hole for a key, means (16, 17, 18, 45) responsive to the key for taking on a particular arrangement under the effect of a suitable key and other arrangements in the absence of a suitable key, a rotative bolt control cam (10, 71) drivable in rotation by the rotor, said rotation of the cam being allowed only under the particular arrangement of said means (16, 17, 18, 45, 62), characterized by the fact that it comprises means for disconnecting said control cam (10, 71) from the rotor (4, 43, 61) by an axial separation, comprising two disconnecting blocks (6, 9-33, 39-64, 68) aligned successively with the rotor, one of which (9, 33, 68) drives said bolt control cam and the other (6, 39, 64) of which coacts with said key responsive means (16, 17, 18, 45) in order to be driven with the rotor when said means have taken on said particular arrangement and not to be driven by the rotor when they have taken on another arrangement, means (25) being provided for converting the relative rotational motion of one block relative to the other into an axial separation motion which brings the control cam out of reach of the rotor.

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Cited by
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